

1755  
JFV



Docket No. 645-143

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT OPERATION

Applicants:

Hiroyuki Minamikawa et al.

Serial Number: 09/841,614

Filing Date: April 24, 2001

)  
) Examiner: Karl Group  
)  
) Group Art Unit: 1755  
)  
)

Title: LOW EXPANSION TRANSPARENT GLASS-CERAMICS, GLASS-CERAMIC  
SUBSTRATE AND OPTICAL WAVEGUIDE ELEMENT

New York, NY 10036  
January 12, 2005

Mail Stop Non-Fee Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT

This Amendment is being filed in response to the Office  
Action that was mailed October 12, 2004. Kindly amend the subject  
application as follows: